



## CITY OF SUGAR LAND

Engineering Department

**CIP Project Number:** SW1002

**Title:** Sugar Lakes Non-Potable System

**Project Phase:** Design/Construction

**% of Phase Completion**

**Design**

**Construction**

<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>											<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										

**Cost for this Phase:** \$ 520,000

**Funding Sources:** Revenue Bonds

**Project Manager:** Shashi Kumar

**Contractor:** TBD

**Consultant:**

**Project Description:** Design and construction of a surface water pump station and related infrastructure to supply raw surface water from Oyster Creek to the lakes of the Sugar Lakes subdivision for lake maintenance and subsequent irrigation. The lakes are currently fed by two groundwater wells, and irrigation of surrounding boulevards is supplied via the City's potable water supply.

**Justification:** The City must convert to 30% surface water by 2013 and 60% by 2025. To facilitate this process, and to reduce overall costs the City is pursuing non-potable supply projects. This project will supply raw surface water in place of pumped groundwater and/or potable water used for lake maintenance and irrigation, respectively.

**Updates:** October 2009-

November 2009 -

December 2009 –